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US EPA RECORDS CENTER REGION 5



580416

May 14, 2010

Mr. Jeffrey Kimble, On-Scene Coordinator
Emergency Response Branch
U.S. Environmental Protection Agency Region V
9311 Groh Road
Grosse Ile, MI 48138

**Re: Detroit Windshield Surveys
Eastern Market-South Phase of Parcel 4**

On May 13, 2010, U.S. EPA, START, and the City of Detroit conducted a windshield survey of the Eastern Market-South Phase of Parcel 4 property, located between Rivard Street and Chrysler Drive (42° 20' 58.29"N and 83° 02' 42.95" W). This memo summarizes the observations made during the windshield survey and potential sampling locations, parameters, and methods.

OBSERVATIONS

The Eastern Market-South Phase of Parcel 4 property is a vacant, open lot with overgrown vegetation (grass, weeds, and some trees). The property contains no buildings or other structures. The property is bordered to the North by commercial properties, to the South by Wilkins Street and commercial properties, to the East by Rivard Street and commercial properties, and to the West by Chrysler Drive and I-75.

SAMPLING LOCATIONS, PARAMETERS, AND METHODS

The primary chemicals of concern associated with the property are heavy metals and asbestos in the soil. Planned sampling/monitoring activities will include the following: using an X-ray Fluorescence (XRF) analyzer in combination with the U.S. EPA's Rapid Assessment Tools (RAT) data management and mapping software to determine the presence and extent of heavy metals contamination in the soil, using U.S. EPA's Visual Sampling Plan (VSP) software to establish the number and locations of soil samples necessary to identify heavy metals contaminants with a specified level of confidence, and soil sampling for asbestos (TEM/CARB 435 Method).



DETROIT WINDSHIELD SURVEY CHECKLIST

Site Name: Detroit Windshield Survey
Address: Eastern Market-South Phase of Parcel 4
City/Town: Detroit County: Wayne State: MI

TDD No.: _____

Date of Inspection: 5/13/2010 Time of Inspection: 1240

GENERAL SITE OBSERVATIONS

	Observations/Notes
Physical Characteristics/ Conditions (as known)	
Topography:	Flat
Geology (general surface soil types, fracturing, or subsurface conduits):	open field
Elevation (asl):	-
Location (lat/long):	N 42° 20' 58.27" N / 83° 02' 42.45" W
Current weather conditions:	rain / clouds ~55°F
Vegetation:	grass & overgrown vegetation
Prevailing wind:	-
Surface water bodies:	none
Storm drains:	no
Drainage ditches:	none known
Structural Characteristics	
Buildings (location, size, function, condition, age):	N
Perimeter fence:	N
Security:	N
Roads:	River / Erskine / Watson
Railroad lines:	N

ASTs:	N
Remnants of former industrial processes:	N
Unauthorized Access	
Vandalism:	Open field
Evidence of trespassing:	
Surrounding Area	
Demographics of area:	Commercial
Neighborhood characteristics/ elements:	
Proximity/ type of neighbors:	Eastern Market W-I-TS / N-E-S - commercial / processing
Proximity to playgrounds/schools:	
Natural Resources	
Wildlife:	?
Sensitive Ecosystems:	none known
Wetlands:	none known
Others (Specify)	

Other Notes:

XRF/PAT

POTENTIAL THREATS

	Observations/Notes
Drums with unknown contents:	N
Totes with unknown contents:	N
Tanks, vats, pits, manholes with unknown contents:	N
Cylinders with unknown contents:	N
Oil or oil-contaminated substances/materials:	N
Waste lagoons:	N
Settling ponds:	N
ASTs with unknown contents:	N
USTs with unknown contents:	N
Potential ACM:	? - soil under vegetation
Piles of unknown material:	N
Stained soil:	N
Sheen/slick:	N
Stressed vegetation:	N
Transformers, capacitors	N
Abandoned equipment:	N
Radiation hazards:	N
Biological hazards:	Insects
Fire remnants:	N

Other Notes:

XRF/RAT

POTENTIAL MIGRATION PATHWAYS

	Observations/Notes
Drinking Water/ Private Well:	N
Drinking Water/ Municipal Water Supply:	N
Groundwater:	?
Nearby Surface Water:	N
Unrestricted Access:	Y
Storm Sewer:	in street
Outfall(s):	N
Air:	N
Soil:	? - metals / ASB
Sediment:	N
Lack of secondary containment:	N
Evidence of overland flow:	N
Vapor intrusion:	N
Other:	

Other Notes:

OTHER NOTES

- XRF/RAT

- VSP *gith*



Site: Detroit Windshield Survey (Eastern Market-South Phase of Parcel 4)

Photograph No.: 1

Date: 5/13/2010

Direction: Southeast

Photographer: TJ McFarland

Subject: View of vacant lot with overgrown vegetation from Rivard Street.